

# ABSTRACT

The present invention relates to peptides which exhibit potent anti-retroviral activity. The peptides of the invention comprise DP178 (SEQ ID:1) peptide  
5 corresponding to amino acids 638 to 673 of the HIV-1<sub>LAI</sub> gp41 protein, and fragments, analogs and homologs of DP178. The invention further relates to the uses of such peptides as inhibitory of human and non-human  
10 retroviral, especially HIV, transmission to uninfected cells.

15

20

25

30

35